

Solid State Thin Film Batteries Market Shares, Strategy, and Forecasts, Worldwide, 2015 to 2021



Market Research Report

Market research study

An insight on the important factors and trends
influencing the market

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Description:

WinterGreen Research announces that it has published a new study Solid State Thin Film Batteries Market Shares, Strategy, and Forecasts, Worldwide, 2015 to 2021. The 2015 study has 329 pages, 110 tables and figures. Solid State Thin Film Batteries offer quality for powering energy harvesting with precisely the right component.

The quality of energy storage is better with solid state thin film batteries. Solid State Thin Film Batteries A comparison of battery performance for various rechargeable batteries is a compelling illustration of the value of thin film batteries. Data for thin film batteries using very thin substrates illustrate the longer cycle life that can be achieved. Applications include power bridging, permanent power, and wireless sensor networks.

Thin film battery market driving forces include creating business inflection by delivering technology that supports entirely new capabilities. Sensor networks are creating demand for thin film solid state devices. Vendors doubled revenue and almost tripled production volume from first quarter. Multiple customers are moving into production with innovative products after successful trials.

Request a copy of this report @ <http://www.orbisresearch.com/reports/reportEnquiry/3802>.

A strong business pipeline has emerged with customer activity in all target markets. The market focus is shifting from ramping capacity to driving manufacturing efficiencies and achieving margin improvement, indicating increasing market maturity.

Smarter computing is part of an IT opportunity, brought by the availability of many, many devices that measure what is going on in the world. These devices are made possible by the availability of small, inexpensive, reliable batteries that provide battery backup on the printed circuit board. Smarter computing is related to achieving a more instrumented, interconnected and intelligent infrastructure.

Software and onboard storage are significant aspects of making the networks more intelligent. The need to capture and analyze increasing amounts of data, deliver results to more users, and respond faster across all devices, without a corresponding increase in budget is a function of better management and better systems. Back up power is part of the picture.

Browse the complete report at <http://www.orbisresearch.com/reports/index/Solid-State-Thin-Film-Batteries-Market-Shares--Strategy--and-Forecasts--Worldwide--2015-to-2021>.

Key application areas for solid state batteries are:

- Power bridging
- Permanent power
- Wireless sensors



As energy harvesting and wireless sensor networks evolve, the solid state batteries provide an uninterrupted, stable power source that lasts as long as the electronics with which it is packaged. In some cases, changing batteries is not feasible, and these applications are illustrative of those kinds of instances.

According to Susan Eustis, the lead author of the team that created the study, “Solid state electronics brings the same advantages to batteries as it has brought to all other industry segments it touches. Printed circuit board manufacturers are finding that they can achieve a rapid return on investment from substantially decreasing the energy costs associated with using storage by wave soldering the storage onto the boards during the manufacturing process.”

Solid state thin film battery markets at \$9 million in 2014 are forecast to reach \$1.3 billion by 2021. Rapid growth toward the end of the forecast period is anticipated as technology improves the cost structure of the manufacturing.

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